

Regional HIV/AIDS Epidemiologic Profile of Nantucket County, Massachusetts: FY 2008

Table 1. Total number of people reported with HIV infection or AIDS¹ by mortality status on December 31, 2007 Nantucket County, Massachusetts

	N	%
People Living with HIV/AIDS	23	50%
People Reported with HIV or AIDS who are Deceased	23	50%
Total Number of People Reported with HIV Infection or AIDS	46	100%

¹ Does not include individuals diagnosed with HIV infection (non-AIDS) who died prior to January 1, 1999 or who were not in care on January 1, 1999.

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 2. Average annual rate of HIV infection diagnosis from 2004 to 2006 and rate of people living with HIV/AIDS on 12/31/07¹: Nantucket County, Massachusetts

Average annual HIV diagnosis rate from 2004–2006	Average Rate per 100,000	Average Number of HIV Diagnoses
Nantucket County, MA	14 per 100,000	1
Massachusetts Total	13 per 100,000	857
Rate of people living with HIV/AIDS on 12/31/07	Rate per 100,000	Number of People Living with HIV/AIDS
Nantucket County, MA	242 per 100,000	23
Massachusetts Total	267 per 100,000	16,977

¹ Population sizes for rate calculations are based on year 2000 population estimates from the MDPH Center for Health Information, Statistics, Research and Evaluation

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 3. People living with HIV/AIDS¹, deaths among people reported with HIV/AIDS, and newly diagnosed HIV infections by year²: 1999–2006, Nantucket County, Massachusetts

Year	HIV/AIDS Prevalence	Deaths among those with HIV/AIDS	Diagnosis of HIV Infection
1999	15	0	0
2000	18	0	3
2001	20	1	3
2002	19	1	0
2003	20	1	2
2004	21	0	1
2005	21	0	0
2006	23	1	3

¹ Number of People living with HIV/AIDS on 12/31 of each year

² Reflects year of diagnosis for HIV infection among all individuals reported with HIV infection, with or without an AIDS diagnosis
Data source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 4. People diagnosed with HIV infection from 2004–2006¹ and people living with HIV/AIDS on December 31, 2007 by gender, place of birth, race/ethnicity, exposure mode, age at HIV infection diagnosis and current age: Nantucket County, Massachusetts

HIV Infection Diagnoses			PLWH/A	
Gender:	N	%	N	%
Male	-- ⁶	-- ⁶	18	78%
Female	-- ⁶	-- ⁶	5	22%
Place of Birth:	N	%	N	%
US	2	50%	12	52%
Puerto Rico/US Dependency ²	0	0%	1	4%
Non-US	2	50%	10	43%
Race/Ethnicity:	N	%	N	%
White (non-Hispanic)	-- ⁶	-- ⁶	13	57%
Black (non-Hispanic)	0	0%	7	30%
Hispanic	-- ⁶	-- ⁶	3	13%
Other/Undetermined ³	0	0%	0	0%
Exposure Mode:	N	%	N	%
Male-to-male sex (MSM)	1	25%	11	48%
Injection Drug Use (IDU)	0	0%	3	13%
MSM/IDU	0	0%	2	9%
Heterosexual Sex	1	25%	3	13%
Other	0	0%	0	0%
Total Undetermined	2	50%	4	17%
• Presumed Heterosexual Sex ⁴	2	50%	4	17%
• Undetermined ⁵	0	0%	0	0%
Age:	N	%	N	%
	At Diagnosis		On December 31, 2007	
Under 13	0	0%	0	0%
13 to 19	0	0%	0	0%
20 to 24	1	25%	1	4%
25 to 29	1	25%	1	4%
30 to 34	0	0%	2	9%
35 to 39	1	25%	2	9%
40 to 44	0	0%	3	13%
45 to 49	0	0%	5	22%
50 to 54	1	25%	5	22%
55 to 59	0	0%	4	17%
60+	0	0%	0	0%
Total	4	100%	23	100%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

⁴ Heterosexual sex with partners with unknown risk and HIV status

⁵ Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up

⁶ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 5. People living with HIV/AIDS on December 31, 2007 by gender and race/ethnicity: Nantucket County, Massachusetts

Race/Ethnicity:	Male		Female	
	N	%	N	%
White Non-Hispanic	12	67%	-- ⁶	-- ⁶
Black Non-Hispanic	-- ⁶	-- ⁶	-- ⁶	-- ⁶
Hispanic	-- ⁶	-- ⁶	-- ⁶	-- ⁶
Total	18	100%	5	100%
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08				

Table 6. People living with HIV/AIDS on December 31, 2007 by gender and exposure mode: Nantucket County, Massachusetts

Exposure Mode:	Male		Female	
	N	%	N	%
Male-to-male sex (MSM)	11	61%	N/A	N/A
Injection drug use (IDU)	3	17%	0	0%
MSM/IDU	2	11%	N/A	N/A
Heterosexual sex	0	0%	3	60%
Other	0	0%	0	0%
Total Undetermined	0	0%	0	0%
• Presumed heterosexual sex ¹	2	11%	2	40%
• Undetermined ²	0	0%	0	0%
Total	18	100%	5	100%
¹ Heterosexual sex with partners with unknown risk and HIV status				
² Includes those still being followed up for risk information, those who have died with no determined risk, and those lost to follow-up; N/A=Not Applicable				
Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08				

Table 7. People diagnosed with HIV infection by gender and year of diagnosis: Nantucket County, Massachusetts, before 1999, 1999–2006¹

	Male		Female		Total
	N	%	N	%	
< 1999	-- ⁶	-- ⁶	-- ⁶	-- ⁶	34
1999	-- ⁶	-- ⁶	-- ⁶	-- ⁶	0
2000	-- ⁶	-- ⁶	-- ⁶	-- ⁶	3
2001	-- ⁶	-- ⁶	-- ⁶	-- ⁶	3
2002	-- ⁶	-- ⁶	-- ⁶	-- ⁶	0
2003	-- ⁶	-- ⁶	-- ⁶	-- ⁶	2
2004	-- ⁶	-- ⁶	-- ⁶	-- ⁶	1
2005	-- ⁶	-- ⁶	-- ⁶	-- ⁶	0
2006 ²	-- ⁶	-- ⁶	-- ⁶	-- ⁶	3

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 8. People diagnosed with HIV infection by race/ethnicity and year of diagnosis: Nantucket County, Massachusetts, before 1999, 1999–2006¹

	White NH		Black NH		Hispanic		Other/ Undetermined ²		Total
	N	%	N	%	N	%	N	%	
< 1999	29	85%	-- ³	-- ³	-- ³	-- ³	-- ³	-- ³	34
1999	0	0%	0	0%	0	0%	0	0%	0
2000	-- ³	-- ³	-- ³	-- ³	-- ³	-- ³	-- ³	-- ³	3
2001	-- ³	-- ³	-- ³	-- ³	0	0%	0	0%	3
2002	0	0%	0	0%	0	0%	0	0%	0
2003	-- ³	-- ³	-- ³	-- ³	-- ³	-- ³	0	0%	2
2004	-- ³	-- ³	-- ³	-- ³	-- ³	-- ³	-- ³	-- ³	1
2005	0	0%	0	0%	0	0%	0	0%	0
2004 ⁴	-- ³	-- ³	0	0%	-- ³	-- ³	0	0%	3

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Numbers less than 5 for localities with populations of less than 50,000 are suppressed for the assurance of confidentiality

⁴ 2006 data are preliminary

NH = Non-Hispanic

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 9. People diagnosed with HIV infection by place of birth and year of diagnosis: Nantucket County, Massachusetts, before 1999, 1999–2006¹

	US		Puerto Rico/ US Dependency ²		Non-US		Total
	N	%	N	%	N	%	
< 1999	31	91%	0	0%	3	9%	34
1999	0	0%	0	0%	0	0%	0
2000	1	33%	0	0%	2	67%	3
2001	1	33%	0	0%	2	67%	3
2002	0	0%	0	0%	0	0%	0
2003	0	0%	1	50%	1	50%	2
2004	1	100%	0	0%	0	0%	1
2005	0	0%	0	0%	0	0%	0
2006 ³	1	33%	0	0%	2	67%	3

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

³ 2006 data are preliminary

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 10. People diagnosed with HIV infection by exposure mode and year of diagnosis: Nantucket County, Massachusetts, before 1999, 1999–2006¹

	MSM		IDU		MSM/ IDU		HTSX		Other		Pres. HTSX ²		Undeter- mined ³		Total
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N
<1999	25	74%	3	9%	3	9%	2	6%	1	3%	34	25	74%	3	9%
1999	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0%
2000	1	33%	1	33%	0	0%	1	33%	0	0%	3	1	33%	1	33%
2001	1	33%	1	33%	0	0%	0	0%	1	33%	3	1	33%	1	33%
2002	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0%
2003	1	50%	0	0%	0	0%	0	0%	1	50%	2	1	50%	0	0%
2004	1	100%	0	0%	0	0%	0	0%	0	0%	1	1	100%	0	0%
2005	0	0%	0	0%	0	0%	0	0%	0	0%	0	0	0%	0	0%
2006 ⁴	0	0%	0	0%	0	0%	1	33%	2	67%	3	0	0%	0	0%

¹ Reflects year of HIV infection diagnosis among all individuals reported with HIV infection, with or without an AIDS diagnosis

² Heterosexual sex with partners with unknown risk and HIV status

³ Includes those still being followed up for risk information, those who have died with no determined risk and those lost to follow-up

⁴ 2006 data are preliminary

MSM = Male-to-Male Sex; IDU = Injection Drug Use; MSM/IDU = Male-to-Male Sex and Injection Drug Use; HTSX = Heterosexual Sex; Pres. HTSX = Presumed Heterosexual Sex

Data Source: MDPH HIV/AIDS Surveillance Program (percentages may not add up to 100% due to rounding), Data as of 1/1/08

Table 11. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by year of diagnosis: Nantucket County, Massachusetts, 1999–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Year:	N	N	%
1999	0	0	0%
2000	0	3	0%
2001	0	3	0%
2002	0	0	0%
2003	0	2	0%
2004	1	1	100%
2005	0	0	0%
2006	1	3	33%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS
Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08

Table 12. People diagnosed with HIV infection and AIDS within two months and all people diagnosed with HIV infection by gender, race/ethnicity, and place of birth: Nantucket County, Massachusetts, 2004–2006¹

	HIV and AIDS diagnosed within 2 months	All HIV infection diagnoses	% diagnosed with HIV and AIDS within 2 months
Gender:	N	N	%
Male	2	3	67%
Female	0	1	0%
Race/Ethnicity:	N	N	%
White (non-Hispanic)	1	2	50%
Black (non-Hispanic)	0	0	0%
5%Hispanic	1	2	50%
Other/Undetermined ²	0	0	0%
Place of Birth:	N	N	%
US	1	2	50%
Puerto Rico/US Dependencies ³	0	0	0%
Non-US	1	2	50%
Total	2	4	50%

¹ Reflects year of HIV diagnosis among all individuals reported with HIV infection, with or without an AIDS

² Other/Undetermined includes Asian/Pacific Islander, American Indian/Alaska Native and people of unspecified race/ethnicity

³ Ninety-five percent of all people diagnosed with HIV infection in MA who were born in a US dependency were born in Puerto Rico, 1% were born in the US Virgin Islands, <1% were born in American Samoa, and 4% were born in an unknown dependency

Data Source: MDPH HIV/AIDS Surveillance Program, Data as of 1/1/08